

COMPOSITION & METHODS FOR TREATMENT AND SCREENING**ABSTRACT OF THE INVENTION**

5 This invention relates to single or multiple target anti-sense oligonucleotides (STA or MTA oligos) of low or no adenosine content for respiratory disease-relevant genes, composition thereof and method for manufacturing the composition. The compositions are effective in the prophylaxis and treatment of diseases and conditions associated with the up-regulated expression of one or more different combination of the genes, including airway inflammation, allergy(ies), asthma, impeded respiration, cystic fibrosis (CF), Chronic Obstructive Pulmonary Diseases (COPD), allergic rhinitis (AR), Acute Respiratory Distress Syndrome (ARDS), pulmonary hypertension, lung inflammation, 10 bronchitis, airway obstruction, and bronchoconstriction, among others. This invention further relates to a method for screening candidate compounds useful for the prevention and/or treatment of respiratory diseases which binds to gene(s), EST(s), cDNA(s), mRNA(s), or their expressed product(s).